IF BOARD IS BUILT FOR 3105 IC USE, THIS PIN OF U4 WILL BE LIFTED.

JP1 WIRE COLORS AND DEFINITIONS

1. NOT USED—X16CLK
2. BLUE—X16CLK, FROM TNC
3. WHITE—MCD, MODEM CD FROM TNC
4. YELLOW—RCD, RECEIVE DATA FROM TNC
5. ORANGE—DCD, DCD BD, CD TO TNC
6. NOT USED—RCLK, DCD BD, RECOVERED CLK
7. BLACK—GROUND
8. RED—VCC (+5V)

DCD SIGNAL LEVELS
AT P1 PIN 3, ACTIVE HIGH
AT JP1 PIN 5, ACTIVE LOW
IF AN ACTIVE HIGH SIGNAL IS NEEDED FOR WIRED CONNECTION, SUGGEST USING P1 PIN 3 INSTEAD OF JP1 PIN 5
AT P2 PIN 1, ACTIVE LOW
IF AN ACTIVE HIGH SIGNAL IS NEEDED FOR MODEM DISCONNECT HEADER USE, CUT THE TRACE AT U4 PIN 4 AND CONNECT A WIRE FROM P1 PIN 3 TO P2 PIN 1

PacComm
3652 WEST CYPRESS ST.
TAMPA, FL. 33607

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Title
UNIVERSAL OPEN SQUELCH DCD BOARD

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Sheet 1 of 1
5) Remove the backing from the exposed side of the tape and attach the DCD board to a convenient location.

6) Reinstall the packet controller board in the case.

The connections to the DCD-UNIV Board are as follows:

<table>
<thead>
<tr>
<th>Required Signal</th>
<th>Wire Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vcc (+5v)</td>
<td>Red</td>
</tr>
<tr>
<td>Ground</td>
<td>Black</td>
</tr>
<tr>
<td>Clock, 16 x baud rate</td>
<td>Blue</td>
</tr>
<tr>
<td>RXD: Data output of analog modem</td>
<td>Yellow</td>
</tr>
<tr>
<td>MCD: Carrier detect from analog modem</td>
<td>White</td>
</tr>
<tr>
<td>DCD: Carrier detect into HDLC</td>
<td>Orange</td>
</tr>
</tbody>
</table>

Enlarged layout of circuit board of all models of the DCD Adapter.

Header socket attaches here for the DCD-Header model.

Pins attach here on the bottom of the board and the TCM-3105 socket installs on the top of the board for the DCD-3105 model.

Wires attach here at JP1 for Universal Model.